



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Frederic Mikulec et al. Art Unit : 1773
 Serial No. : 09/625,861 Examiner : H. Le
 Filed : July 26, 2000
 Title : TELLURIUM-CONTAINING NANOCRYSTALLINE MATERIALS

Commissioner for Patents
 Washington, D.C. 20231

AET/A
 #7/6/19/02

AMENDMENT

In response to the action mailed March 14, 2002 ("Office Action"), Applicants submit the following remarks.

In the Claims:

Please cancel claims 1-11 and 19-35 without prejudice.

Please add new claims 36-63.

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- 8
 --36. (New) The nanocrystallite of claim 12 wherein the core photoluminesces at a wavelength in the range of 435 to 800 nm.--
- 9
 --37. (New) The nanocrystallite of claim 12 wherein the overcoating comprises ZnS.--
- 10
 --38. (New) The nanocrystallite of claim 12 wherein the overcoating comprises ZnSe.--
- 11 29
 --40. (New). The nanocrystallite of claim 12 wherein the overcoating comprises CdSe.--
- 12 40
 --41. (New) The nanocrystallite according to claim 12, wherein the FWHM is 45 nm or less.--
- 13 41
 --42. (New) The nanocrystallite according to claim 41, wherein the FWHM is 20 nm or less.--
- 14 42
 --43. (New) The nanocrystallite according to claim 41, wherein the FWHM is 15 nm or less.--

Handwritten notes: "Rule 1.126", "A1", and "41" with arrows pointing to specific claims.